



SERVER

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create the table,
i.e., shared mem
file

Clients maps
shared memory to
its address space

send name and
size of shared
memory file to
client

Server adds more
data to shared
table

send message to
client giving new
size info

On message from
server map the
increased size in
shared memory

Fig. 1

MANAGING SHARED MEMORY IN
MULTIPROCESSING VIRTUAL MEMO
ENVIRONMENT

Inventor: Podila, et al.

SHEET 2 OF 3



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SERVER

CLIENT

server adds more
data to shared
table

server accesses
PIDs of all clients
attached to shared
memory

server uses
mmap_peer () to
map added shared
memory into address
space of all clients

Fig. 2



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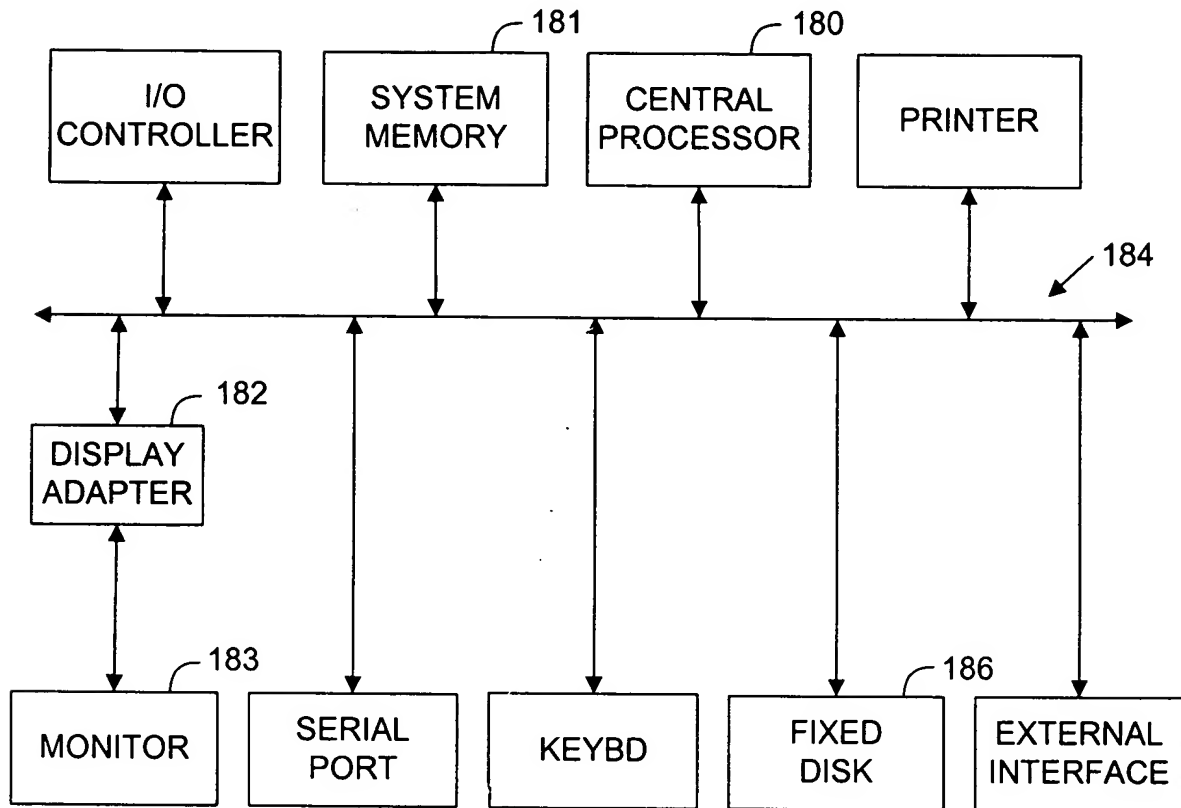


Fig. 3